

## ABSTRACT OF THE DISCLOSURE

Copper/alumina compositions for use as, *e.g.*, catalysts are made by impregnating a porous transition alumina support with an aqueous solution of a copper ammine carbonate complex, draining off any excess of the impregnating solution, and then heating the impregnated support to a temperature above 80°C to decompose the complex, thereby depositing a basic copper carbonate compound on the surfaces of the pores of the transition alumina support. After reduction, the composition has a high copper surface area, expressed per unit weight of copper in the composition.